HONEYWELL HOWARD LEIGHT™
HEARING PROTECTION MINI GUIDE
Designed with you in mind.
EARMUFFS
Robust Protection. Top Performance.

Every day, employees count on Honeywell Howard Leight™ earmuffs to block noise and manage sound in some of the world’s most acoustically-challenging environments. Utilizing our patented technologies, we offer a range of earmuffs with varying product features and attenuation levels targeted to fulfill the needs and meet the demands of different users and work situations.
PASSIVE | Leightning® Family

Robust steel wire construction withstands demanding use. Snap-in ear cushions make replacement quick and easy. Padded foam headband delivers optimum comfort with minimum pressure on the head. High-visibility options with reflective headbands are also available.

Leightning® Headband
Maximum protection and durable padded metal headband.

<table>
<thead>
<tr>
<th>Model</th>
<th>NRR</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>L1</td>
<td>25</td>
<td>1010922-H5</td>
</tr>
<tr>
<td>L3</td>
<td>30</td>
<td>1010924-H5 (shown)</td>
</tr>
</tbody>
</table>

Leightning® Hi-Vis Headband
Reflective headband and high-visibility for added protection

<table>
<thead>
<tr>
<th>Model</th>
<th>NRR</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>L3HV</td>
<td>30</td>
<td>1013941</td>
</tr>
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</table>

Leightning® Cap-Mounted
For use with a wide range of hard hats, with full brim option

<table>
<thead>
<tr>
<th>Model</th>
<th>NRR</th>
<th>Code</th>
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<tbody>
<tr>
<td>L1H</td>
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<td>1011991</td>
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<tr>
<td>L3H</td>
<td>27</td>
<td>1011993 (shown)</td>
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</table>

Leightning® Neckband
Sleek, anatomical behind-the-neck design

<table>
<thead>
<tr>
<th>Model</th>
<th>NRR</th>
<th>Code</th>
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<tbody>
<tr>
<td>LON</td>
<td>22</td>
<td>1013460</td>
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<tr>
<td>L1N</td>
<td>25</td>
<td>1011994-H5</td>
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<tr>
<td>L3N</td>
<td>28</td>
<td>1011996 (shown)</td>
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Leightning® Folding
Convenient folding design for easy storage less than 4" wide

<table>
<thead>
<tr>
<th>Model</th>
<th>NRR</th>
<th>Code</th>
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<tbody>
<tr>
<td>LOF</td>
<td>23</td>
<td>1013461</td>
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Leightning® Hi-Vis Folding
Convenient folding design for easy storage

<table>
<thead>
<tr>
<th>Model</th>
<th>NRR</th>
<th>Code</th>
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<tbody>
<tr>
<td>L2FHV</td>
<td>27</td>
<td>1013942</td>
</tr>
</tbody>
</table>
PASSIVE | Thunder® Family

Dielectric construction ideal for electrical environments. Dual-headband design comfortable for long-term wear. Quick-Click height adjustment remains fixed during wear.

Thunder® Headband
Uniform headband pressure for all head sizes

<table>
<thead>
<tr>
<th>Headband Type</th>
<th>NRR</th>
<th>Product Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>T1</td>
<td>26</td>
<td>1010928-H5</td>
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<tr>
<td>T2</td>
<td>28</td>
<td>1010929-H5</td>
</tr>
<tr>
<td>T3</td>
<td>30</td>
<td>1010970-H5</td>
</tr>
</tbody>
</table>

Inspect: Regularly examine earcups and ear cushions for cracks and leaks—discard if earcups are visibly damaged or compromised. Replace ear cushions if damaged.

Clean: Wash earcups and ear cushions regularly with mild soap and water. They should not be dipped into water. Do not treat with any other substances as the ear cushions may degrade and compromise effectiveness.

Replace: As ear cushions and foam inserts can degrade over time, replace these every 6-8 months under normal wear, or every 3-4 months with heavy use or in humid/extreme climates.

Thunder® Cap-Mounted
For use with a wide range of hard hats. Folds back for easy storage

<table>
<thead>
<tr>
<th>Headband Type</th>
<th>NRR</th>
<th>Product Code</th>
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</thead>
<tbody>
<tr>
<td>T1H</td>
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<tr>
<td>T1H</td>
<td>23</td>
<td>1011601-H5</td>
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<td>T2H</td>
<td>23</td>
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<tr>
<td>T3H</td>
<td>27</td>
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</table>

Thunder® Folding
Convenient folding design for easy storage

<table>
<thead>
<tr>
<th>Headband Type</th>
<th>NRR</th>
<th>Product Code</th>
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</thead>
<tbody>
<tr>
<td>T1F</td>
<td>25</td>
<td>1011600-H5</td>
</tr>
</tbody>
</table>

FOR ALL EARMUFF TYPES
## PASSIVE

Mach1, QM24+, Viking®, Clarity®

Economical choice for dielectric designs with adjustable headbands for your hearing protection needs.

<table>
<thead>
<tr>
<th>Headband</th>
<th>Description</th>
<th>NRR</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mach1 Headband</strong></td>
<td>Lightweight option with adjustable headband</td>
<td>18</td>
<td>1010421-H5</td>
</tr>
<tr>
<td><strong>QM24+ Multi-Position Headband</strong></td>
<td>Ultra-lightweight design</td>
<td>25</td>
<td>QM24PLUS</td>
</tr>
<tr>
<td><strong>Viking® Multi-Position Headband</strong></td>
<td>Inner-ventilated headband</td>
<td>25</td>
<td>1010925-H5 (blue)</td>
</tr>
<tr>
<td><strong>Clarity® Headband</strong></td>
<td>Protects hearing while allowing speech frequencies to be heard more naturally.</td>
<td>20</td>
<td>1011142-H5 (shown)</td>
</tr>
<tr>
<td><strong>Clarity® Cap-Mounted</strong></td>
<td>Communication benefits of Clarity in a cap-mounted earmuff for a variety of hard hats.</td>
<td>20</td>
<td>1011144</td>
</tr>
</tbody>
</table>

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![Mach1 Headband](image1.png)

![QM24+ Multi-Position Headband](image2.png)

![Viking® Multi-Position Headband](image3.png)

![Clarity® Headband](image4.png)

![Clarity® Cap-Mounted](image5.png)
Electronic sound amplification allows wearers to hear important communication — alarms/warning signals, co-worker’s voice.

**Impact Pro Industrial**
Highest passive NRR in electronic earmuffs

NRR 30 | 1030943
CAN A(L)

**Impact H Cap-Mounted**
For use with a wide range of hard hats

NRR 21 | 1010632
CAN B

**Impact Sport**
Amplifies ambient sound while protecting hearing

NRR 22 | R-01526 (hunter green)
CAN B(L)
NRR 22 | 1010941 (camouflage)
CAN B
NRR 22 | 1030942 (tactical black shown)
CAN B
CONNECTED | Sync® Family

Combine hearing protection, high-fidelity sound, and the ability for individuals to listen to the radio or personal listening devices safely at work and at home.

Sync® Wireless Bluetooth®
Easy push-button connectivity to any Bluetooth® device
NRR 25 | 1030945
CAN A(L)

Sync® Radio
AM/FM reception. Built for outdoor work environments
NRR 25 | 1030331
CAN A(L)

Sync® Radio Hi-Vis
High visibility earcups and reflective headband for visibility
NRR 25 | 1030390
CAN A(L)

Sync® Stereo
Stereo earmuff that easily connects to MP3 players
NRR 25 | 1030110
CAN (L)

Sync® Electo
Combines high-quality FM radio with electronic sound amplification
NRR 25 | 1030333
CAN (L)

Sync® Electo H Cap-Mounted
Sync Electo in cap-mounted style to fit a variety of hard hats
NRR 25 | 1030334-H5
CAN B(L)
The Honeywell Howard Leight™ commitment to hearing protection means considering all the features that make one earplug different from another: material, shape, fit, and NRR.

We make it easy to compare products and ensure that all your employees receive the right fit and protection.
**DISPOSABLE**

An economical and convenient choice for work situations that demand a high degree of comfort, or where hygiene presents a problem for reuse. Formable foam is also THE material of choice when highest attenuation is required.

**Max**
Highest NRR in disposable

<table>
<thead>
<tr>
<th>NRR</th>
<th>MAX-1</th>
<th>MAX-30</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAN A(L)</td>
<td>uncorded</td>
<td>corded</td>
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</table>

**Max Lite**
Low pressure foam for comfort

<table>
<thead>
<tr>
<th>NRR</th>
<th>LPF-1</th>
<th>LPF-30</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAN A(L)</td>
<td>uncorded</td>
<td>corded</td>
</tr>
</tbody>
</table>

**Max Small**
Comfort for smaller ear canals

<table>
<thead>
<tr>
<th>NRR</th>
<th>MAX-1S</th>
<th>MAX-30S</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAN A(L)</td>
<td>uncorded</td>
<td>corded</td>
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</tbody>
</table>

**Max USA**
Patriotic red, white, and blue colors

<table>
<thead>
<tr>
<th>NRR</th>
<th>MAX1-USA</th>
<th>MAX30-USA</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAN A(L)</td>
<td>uncorded</td>
<td>corded</td>
</tr>
</tbody>
</table>

**FirmFit**
Firm foam reinvented

<table>
<thead>
<tr>
<th>NRR</th>
<th>FF-1</th>
<th>FF-30</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAN A(L)</td>
<td>uncorded</td>
<td>corded</td>
</tr>
</tbody>
</table>

**Laser Lite**
Highly visible protection

<table>
<thead>
<tr>
<th>NRR</th>
<th>LL-1</th>
<th>LL-30</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAN A(L)</td>
<td>uncorded</td>
<td>corded</td>
</tr>
</tbody>
</table>

**X-TREME**
Tapered design for comfort

<table>
<thead>
<tr>
<th>NRR</th>
<th>XTR-1</th>
<th>XTR-30</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAN A(L)</td>
<td>uncorded</td>
<td>corded</td>
</tr>
</tbody>
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**For Disposable Foam Earplugs**

**Inspect:** Prior to fitting, examine your earplugs.

**Discard:** Discard disposable earplugs after each use, or if earplugs are compromised.

**Hygiene:** To maintain hygiene standards, disposable earplugs should be discarded at the end of every shift.
PUSH-IN FOAM

Designed so they’re easy to fully insert and remove without picking up dirt from workers’ fingers, and comfortable to wear during the work day. Give workers confidence — with TrustFit® push-in foam earplugs.

TrustFit® Pod
No-roll push-in foam earplug
NRR 28 | TRUSTFITPOD-1 TRUSTFITPOD-30
CAN A(L) uncorded corded

For Push-In Foam Earplugs

Inspect: Prior to fitting, examine earplugs for dirt, damage or hardness - discard immediately if compromised.

Clean: Earplugs should be cleaned between each use and prior to re-insertion. To wash use mild soap and warm water, pat dry then store in protected area when not in use. Chemicals, disinfectants, and solutions should not be used on foam earplugs.

Hygiene: Earplugs can be used a full work-week. Replace after 5 days or if foam tip is damaged or hardened.
REUSABLE

Ideal for environments where employees can retain and store earplugs for reuse over time, reducing waste and saving money.

Quiet®
Easy handling, better fit
NRR 26 | QD-1 QD-30
CAN A(L) uncorded corded

Clarity®
Enhanced communication
NRR 21 | 1005329
CAN B(L) corded

Clarity® Small
For smaller ear canals
NRR 21 | 1005328
CAN B(L) corded

Fusion®
All-day comfort, easy handling
NRR 27 | FUS30-HP
CAN A(L) corded

Fusion® Small
For smaller ear canals
NRR 27 | FUS30S-HP
CAN A(L) corded

SmartFit®
Personalized fit
NRR 25 | SMF-30
CAN A(L) detachable cord

AirSoft®
Optimized for comfort
NRR 27 | DPAS-1 DPAS-30R
CAN A(L) uncorded corded

For all Molded Reusable Earplugs

Inspect: Prior to fitting, examine your earplugs for dirt, damage, deformation or extreme hardness—discard immediately if compromised.

Clean: Wash reusable earplugs with mild soap and warm water only. Pat dry with a towel and store when not in use. Do not treat with any other substances, as the earplugs may degrade and compromise effectiveness.

Hygiene: With proper maintenance, reusable earplugs can be used daily for 2–4 weeks.
DETECTABLE

Specially created for environments where contamination from foreign objects is unacceptable. Available in both disposable and reuseable options. Detectable features (metal, visual, optical, x-ray).

**Laser Trak®**
Disposable, visual and metal detectable features

- **NRR 33 | LT-30**
  - CAN A(L) corded

**SmartFit® Detectable**
Personalized fit and detectability

- **NRR 25 | SDT-30**
  - CAN A(L) corded

**Fusion® Detectable**
All-day comfort, easy handling and detectability

- **NRR 25 | FDT-30**
  - CAN A(L) corded

**Fusion® Detectable Small**
All-day comfort for smaller ear canals and detectability

- **NRR 25 | FDT-30-SM**
  - CAN A(L) corded

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**How to Properly Insert Earplugs**

**Step 1: Roll** (disposable only)
For roll-down foam earplugs, start rolling the foam gently to avoid creases. Then roll firmly to make the cylinder as small and stiff as possible. Move quickly to next step so that the earplug doesn’t expand before insertion.

**Step 2: Pull**
Reach over the head to pull OUT (or for some people, pull UP or BACK) on the outer ear. Have someone observe and give you feedback about which pull-direction is most effective in opening the ear canal for a better fit.

**Step 3: Insert**
Insert the earplug far enough so that it goes around the bend in the ear canal. This often feels sensitive (not painful), or may trigger a cough reflex. This is normal. Let go of the ear after the earplug is fully inserted.
BANDED

An alternative for those who work in intermittent noise or for managers and visitors who move in and out of noisy areas.

**QB1 HYG**
Inner-aural protection
NRR 27 | QB1HYG
CAN A(L)

**QB2 HYG**
Supra-aural protection
NRR 25 | QB2HYG
CAN B(L)

**QB3 HYG**
Semi-aural protection
NRR 23 | QB3HYG
CAN B(L)

**PerCap**
Folding semi-aural protection
NRR 20 | PERCAP
CAN B(L)

For all Banded Earplugs

**Inspect:** Inspect band and earpods prior to fitting. Replace earpods if they are dirty, damaged, hard or stiff. Replace the band if it becomes brittle or deformed.

**Clean:** Clean the band and earpods with mild soap and warm water only, and dry thoroughly. Use of cleaners other than mild soap and water may damage the materials.

**Replace:** Replace pods every 2–4 weeks to ensure optimal protection and performance.

For more information, visit us online at www.howardleight.com or contact Honeywell Industrial Safety at 800.430.5490.
VeriPRO® Fit-Testing System

Test real earplugs. Get real results.

VeriPRO®’s three-step process checks the effectiveness of an employee’s earplug fit in each ear, using either Quick Check or Complete Check mode. This information is then captured in individual reports, accessible by the safety manager.

Software
The software for VeriPRO was created to be easy to use — as simple as an ATM or an airport ticketing kiosk. It’s easy to install on any PC, easy to get started and easy to operate. Its straightforward interface is readily understandable, even for people who aren’t regular computer users.

Audio Processor
Converts digital signal from the VeriPRO software, calibrates it to the headphones and amplifies the sound. The Audio Processor ensures accurate delivery of VeriPRO signals and increases test reliability.

Headphones
The VeriPRO headphones are not your typical listening gear. These patented high-output headphones were designed specifically for VeriPRO. They are audiometrically optimized and calibrated to the signals used in the VeriPRO test, and can be used to test any earplug including earplugs that haven’t even been invented yet.